

CERTIFICATE OF CONFORMITY

This product Certificate is issued under Section 269 of the Building Act 2004 for:

Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System



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Product Description

- The Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System is a cavity-based external wall cladding system for residential and light commercial type buildings where domestic construction techniques are used.
- The system consists of vertically fixed shiplap weatherboards, ventilated cavity battens, flashings and accessories.
- The Hermpac VertiLine Vertical Shiplap Weatherboards are manufactured from Western Red Cedar. Selected Weatherboards are also manufactured from Dura-Larch and Ashin-Dura. Cedar and Dura-Larch weatherboards are supplied either raw, with one coat of machine applied premium penetrating exterior grade oil stain to Hermpac specifications or, with a machine applied primer coat and one machine applied undercoat of exterior grade paint to Hermpac specifications. Ashin-Dura weatherboards are treated to H3.1 and are only available with a machine applied primer coat and one machine applied coat of exterior grade paint to Hermpac specifications.
- The system incorporates a primary and secondary means of weather resistance (first and second line of defense) against water penetration by separating the cladding from the external wall frame with a minimal 18 mm drained cavity.
- Only HP50 to HP60 (vertical shiplap standard profiles), CP777, CP857, CP862, CP1096, CP1219, CP1470, CP1637, CP1721, CP1739 to CP1743, CP1973, CP2071 to CP2073, CP2095, CP2257, CP2258, CP2498, CP2579, CP2948 to CP2950, CP3057, CP3058, CP3144, CP3164, CP3284 and CP3287 are covered by this certificate.

Product purpose and use

- The Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System has been assessed as an external vertically fixed wall cladding system for buildings within the following scope:
 - the scope limitations of NZBC Acceptable System E2/AS1, Third Edition including amendment 7 (01/01/2017), Paragraph 1.1; and,
 - constructed with timber framing complying with the NZBC and,
 - with a risk score of 0-20, calculated in accordance with NZBC Acceptable Solution E2/AS1, Third Edition including amendment 7 (01/01/2017), Table 2; and,
 - situated in NZS 3604:2011 Wind Zones up to, and including Extra High.
- The Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System has also been assessed for weathertightness and structural wind loading when used as an external vertically fixed wall cladding system for buildings within the following scope:
 - the scope limitations of NZBC Acceptable Solution E2/AS1, Third Edition including amendment 7 (01/01/2017), Paragraph 1.1 with regards to building height and floor plan area; and,
 - constructed with timber framing subject to specific engineering design; and,
 - situated in specific design wind pressures up to a maximum design differential ultimate limit state (ULS) of 2.5 kPa.
- The Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System must only be installed vertically on vertical, flat surfaces.
- The Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System is assessed for use with aluminium window and door joinery that is installed with vertical jambs and horizontal heads and sills. (The assessment of the Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System relies on the joinery meeting the requirements of NZS 4211:2008 including Amendment 1 for the relevant Wind Zone or wind pressure.)

CodeMark Certification Body		31/3/2017	08/01/2018	31/3/2020	GM-CM30036-RevG
Global-Mark Pty Ltd, Suite 4.07, 32 Delhi Road, North Ryde NSW 2113, Australia Tel: +61 (0)2 9886 0222 www.Global-Mark.com.au	Herve Michoux Managing Director	Date of issue	Last update	Date of next re-certification	Certificate Number

The purpose of construction site audits is to confirm the practicability of installing the product; and to confirm the appropriateness and accuracy of installation instructions. In issuing this certificate, Global-Mark has relied on the independent expert and/or laboratory advise or reports. This certificate is issued by Global-Mark Pty Limited, an independent certification body accredited by the product certification accreditation body (JAS-ANZ) appointed by the Chief Executive of the Ministry of Business Innovation and Employment under the Building Act 2004. The Ministry of Business Innovation and Employment does not in any way warrant, guarantee, or represent that the building method or product the subject of this certificate conforms with the New Zealand Building Code, nor accept any liability arising out of the use of the building method or product. The Ministry of Business Innovation and Employment disclaims, to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages, and costs arising as a result of the use of the building method(s) or product(s) referred to in this certificate. This Certificate may only be reproduced in its entirety. It is advised to check that this Certificate of Conformity is currently valid and not withdrawn, suspended or superseded by a later issue by referring to the Ministry of Business Innovation and Employment website, <http://www.mbie.govt.nz/> New Zealand Building Code (NZBC) references the Building Code in force at the time of issuing the product certificate. Certificate holder will notify Global-Mark Pty Ltd in accordance with Regulation 15 of the Building (Product Certification) Regulations 2008

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Certificate holder

Herman Pacific Limited.

110 Foundry Road, Silverdale 0932, New Zealand. Tel: 09 426 5475, Fax: 09 426 7638, www.herpac.co.nz

Compliance with the New Zealand Building Code (NZBC):

The Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System if designed, used, installed and maintained in accordance with the scope of this Certificate, the statements and conditions of the supporting BRANZ appraisal No. 650 (2014) Amended 13 October 2017 and the Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System Installation Specifications, June 2017 will meet the following provisions of the NZBC:

Clause B1 STRUCTURE: Performance B1.3.1, B1.3.2 and B1.3.4(b), (c), (d) and (e) for the relevant physical conditions of B1.3.3. (a), (h), (j) and (q). The Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System meets the requirements

Clause B2 DURABILITY: Performance B2.3.1(b) 15 years and B2.3.2(a). The Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System meets these requirements.

Clause E2 EXTERNAL MOISTURE: Performance E2.3.2. The Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System meets this requirement.

Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1. The Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System meets this requirement and will not present a health hazard to people.

Subject to the following conditions and limitations:

1. Subject to regular inspection for soil movement, earthquake or other structural impact or user damage.
2. Maintaining the validity of BRANZ Appraisal No. 650 (2014) Amended 13 October 2017 Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System.
3. Proprietary stain systems and proprietary paint systems have not been evaluated, and are therefore outside the scope of this certification.

Design Conditions:

1. Product specification and incorporation of the Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System into the building design shall be carried out by a designer / architect / engineer or a building professional who:
 - a. Is qualified to design the buildings covered under the 'Scope' of use of this product.
 - b. Has ready access to the technical specifications including installation details and standards referenced in both the BRANZ appraisal No. 650 (2014) Amended 13 October 2017 and this certificate.

Product Installation Conditions:

1. Installation shall be carried out by a Licensed Building Practitioner (LBP), or tradespersons with experience in shiplap weatherboard external wall cladding installation who are supervised by a LBP.
2. Installation shall be undertaken in accordance with all relevant technical information related to the selected installation method, including information contained within the BRANZ appraisal No. 650 (2014) Amended 13 October 2017 and the Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System Installation Specifications, June 2017, including
 - a. the following installation details :

HC SHIP 000 Drawing Index 16/10/2017

HC SHIP 001 Drawing Index 16/10/2017

HC SHIP 002 Isometric View 16/10/2017

HC SHIP 100 Vertical Shiplap Weatherboard System Profiles 16/10/2017

HC SHIP 101 Trim and Moulding Profiles 16/10/2017

HC SHIP 102 Moulds & Weatherboard System Profiles 16/10/2017

HC SHIP 200 Window Head Detail, Aluminium Joinery 16/10/2017

HC SHIP 201 Window Sill Detail, Aluminium Joinery 16/10/2017

HC SHIP 202 Window Jamb Detail, Aluminium Joinery 16/10/2017

HC SHIP 202A Window Jamb Detail, Aluminium Joinery 16/10/2017

HC SHIP 210 Door Head Detail Aluminium Joinery 16/10/2017

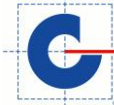
HC SHIP 211 Door Sill Detail, Aluminium Joinery 16/10/2017

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HC SHIP 212A Door Jamb Detail, Aluminium Joinery 16/10/2017
HC SHIP 300 Internal Corner HP41 16/10/2017
HC SHIP 301 Internal Corner Edge to Edge 16/10/2017
HC SHIP 302 Enclosed Deck Balustrade to Wall Junction 16/10/2017
HC SHIP 303 Internal Corner - HP352, HP399 - HP1852 16/10/2017
HC SHIP 303A Internal Corner - HP352, HP399 - HP1852 16/10/2017
HC SHIP 304 Internal Corner - HP350, HP399 - HP1850 16/10/2017
HC SHIP 304A Internal Corner - HP350, HP399 - HP1850 16/10/2017
HC SHIP 305 Internal Corner - HP351, HP399 - HP1851 16/10/2017
HC SHIP 305A Internal Corner - HP351, HP399 - HP1851 16/10/2017
HC SHIP 306 Internal Corner - HP370 16/10/2017
HC SHIP 307 Internal Corner - HP41 & HP399 16/10/2017
HC SHIP 308 Internal Corner - HP370, HP399 - HP1853 16/10/2017
HC SHIP 309 Internal Corner - HP110 & HP399 16/10/2017
HC SHIP 310 Internal Corner - HP110 16/10/2017
HC SHIP 311 Internal Corner - HP360 16/10/2017
HC SHIP 400 External Corner Boxed 16/10/2017
HC SHIP 401 External Corner HP40 16/10/2017
HC SHIP 402 External Corner HP42 16/10/2017
HC SHIP 403 External Corner 16/10/2017
HC SHIP 404 External Corner - HP321 16/10/2017
HC SHIP 405 External Corner - HP310, HP399 - HP1802 16/10/2017
HC SHIP 405A External Corner - HP310, HP399 - HP1802 16/10/2017
HC SHIP 406 External Corner - HP301, HP399 - HP1854 16/10/2017
HC SHIP 406A External Corner - HP301, HP399 - HP1854 16/10/2017
HC SHIP 407 External Corner - HP42, HP399 - HP1803 16/10/2017
HC SHIP 407A External Corner - HP42, HP399 - HP1803 16/10/2017
HC SHIP 408 External Corner - HP300, HP399 - HP1801 16/10/2017
HC SHIP 408A External Corner - HP300, HP399 - HP1801 16/10/2017
HC SHIP 410 General Detail Cavity Fix, Stain Finish 16/10/2017
HC SHIP 411 General Detail Cavity Fix, Paint Finish 16/10/2017
HC SHIP 412 Drained Inter-Storey Joint 16/10/2017
HC SHIP 413 Scarf Join Stain Finish 16/10/2017
HC SHIP 500 Base of Wall, Concrete 16/10/2017
HC SHIP 501 Base of Wall, Timber 16/10/2017
HC SHIP 502 Cavity at Enclosed Deck 16/10/2017
HC SHIP 600 Roof/Wall Junction 16/10/2017
HC SHIP 601 Soffit Detail, Overhang 16/10/2017
HC SHIP 602 Eaves Detail, No Overhang 16/10/2017
HC SHIP 700 Parapet Detail 16/10/2017
HC SHIP 800 Meter Box Detail 16/10/2017
HC SHIP 801 Pipe Penetration Detail 16/10/2017
HC SHIP 802 Pipe Penetration Plan Detail 16/10/2017

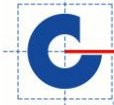
HC SHIP40 000 Drawing Index 18/10/2017
HC SHIP40 001 Drawing Index 18/10/2017
HC SHIP40 002 Isometric View 18/10/2017
HC SHIP40 100 Vertical SHIP40lap Weatherboard System Profiles 18/10/2017
HC SHIP40 101 Trim and Moulding Profiles 18/10/2017

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HC SHIP40 102 Moulds & Weatherboard System Profiles 18/10/2017
HC SHIP40 103 Vertibat Batten Profiles 18/10/2017
HC SHIP40 104 Vertibat Batten Profiles – Structural Fixing 18/10/2017
HC SHIP40 200 Window Head Detail, Aluminium Joinery 18/10/2017
HC SHIP40 201 Window Sill Detail, Aluminium Joinery 18/10/2017
HC SHIP40 202 Window Jamb Detail, Aluminium Joinery 18/10/2017
HC SHIP40 202A Window Jamb Detail, Aluminium Joinery 18/10/2017
HC SHIP40 210 Door Head Detail Aluminium Joinery 18/10/2017
HC SHIP40 211 Door Sill Detail, Aluminium Joinery 18/10/2017
HC SHIP40 212 Door Jamb Detail, Aluminium Joinery 18/10/2017
HC SHIP40 212A Door Jamb Detail, Aluminium Joinery 18/10/2017
HC SHIP40 300 Internal Corner HP41 18/10/2017
HC SHIP40 301 Internal Corner Edge to Edge 18/10/2017
HC SHIP40 302 Enclosed Deck Balustrade to Wall Junction 18/10/2017
HC SHIP40 303 Internal Corner - HP352, HP399 - HP1852 18/10/2017
HC SHIP40 303A Internal Corner - HP352, HP399 - HP1852 18/10/2017
HC SHIP40 304 Internal Corner - HP350, HP399 - HP1850 18/10/2017
HC SHIP40 304A Internal Corner - HP350, HP399 - HP1850 18/10/2017
HC SHIP40 305 Internal Corner - HP351, HP399 - HP1851 18/10/2017
HC SHIP40 305A Internal Corner - HP351, HP399 - HP1851 18/10/2017
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HC SHIP40 406 External Corner - HP301, HP399 - HP1854 18/10/2017
HC SHIP40 406A External Corner - HP301, HP399 - HP1854 18/10/2017
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HC SHIP40 408 External Corner - HP300, HP399 - HP1801 18/10/2017
HC SHIP40 408A External Corner - HP300, HP399 - HP1801 18/10/2017
HC SHIP40 410 General Detail Cavity Fix, Stain Finish 2015 18/10/2017
HC SHIP40 411 Structural Cavity Fix, Paint Finish 2015 18/10/2017
HC SHIP40 411A General Detail Cavity Fix, Paint Finish 18/10/2017
HC SHIP40 412 Drained Inter-Storey Joint 18/10/2017
HC SHIP40 413 Scarf Join Stain Finish 18/10/2017
HC SHIP40 500 Base of Wall, Concrete 18/10/2017
HC SHIP40 501 Base of Wall, Timber 18/10/2017
HC SHIP40 502 Cavity at Enclosed Deck 18/10/2017
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HC SHIP40 602 Eaves Detail, No Overhang 18/10/2017



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VC RWD 201 Window Sill Detail, Aluminium Joinery 16/10/2017
VC RWD 201A Window Sill Detail, Aluminium Joinery 16/10/2017
VC RWD 202 Window Jamb Detail, Aluminium Joinery 16/10/2017
VC RWD 202A Window Jamb Detail, Aluminium Joinery 16/10/2017
VC RWD 210 Door Head Detail Aluminium Joinery 16/10/2017
VC RWD 211 Door Sill Detail, Aluminium Joinery 16/10/2017
VC RWD 211A Door Sill Detail, Aluminium Joinery 16/10/2017
VC RWD 212 Door Jamb Detail, Aluminium Joinery 16/10/2017
VC RWD 212A Door Jamb Detail, Aluminium Joinery 16/10/2017
VC RWD 301 Internal Corner Edge to Edge 16/10/2017
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- b. The finish requirements applicable to species and the stain or paint system used.
3. Upon completion of the installation, the LBP shall complete and sign a Restricted Building Work (RBW) memorandum and the Quality Assurance Checklist Hermpac VertiLine Vertical Shiplap Weatherboard Cavity System (dated June 2017). The RBW document is to be provided to the Building Consent Authority (BCA) and to the head contractor.

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